

BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE

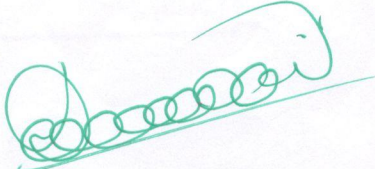
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Name of Work :- Detailed Estimate for:-Operation and Maintenance of street light fittings in Kempegowda Ward No.01 Package Y-1 of Yelahanka Zone for the Period (10 Months).

Budget Head
Division No..... Estimate No. **01/24-25** For Rs. =

3915000.00

Sl No	SR Page No	Description of Work	Unit	Qty	Rate For 10 Months Rs. Ps.	Amount
1	AR	Operation and Maintenance of street lighting system including replacement of damaged/failed/fused out components like Lamps, Tubes, Chokes, Igniters, Capacitors, Switches , wires, Holders, Starters and switching ON/OFF of street lights at specified timing, furnishing maintenance reports every day, Maintaining movement log of ladder jeep by installing dedicated GPS system with required hardware and software etc, complete, so as to ensure efficient burning of street lights as detailed in tender documents for 250 watt HPSV street lighting systems.	Each	1198	792.50	949415.00
2	AR	Operation and Maintenance of LED street lighting system including replacement of damaged/failed /fused out components like LED drivers, LED array, MCPCB, surge protective device, wires and switching ON/OFF of street lights at specified timing, furnishing maintenance reports every day, Maintaining movement log of ladder jeep by installing dedicated GPS system with required hardware and software etc, complete, so as to ensure efficient burning of street lights as detailed in tender documents for 24 to 45 watt LED street lighting System.	Each	223	622.50	138817.50
3	AR	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, LED array, MCPCB, surge protective device, wires and switching ON/OFF of street lights at specified timing, furnishing maintenance reports every day, Maintaining movement log of ladder jeep by installing dedicated GPS system with required hardware and software etc, complete, so as to ensure efficient burning of street lights as detailed in tender documents for 50 to 72 watt LED street lighting systems.	Each	270	815.00	220050.00
4	AR	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers, LED array, MCPCB, surge protective device, wires and switching ON/OFF of street lights at specified timing, furnishing maintenance reports every day, Maintaining movement log of ladder jeep by installing dedicated GPS system with required hardware and software etc, complete, so as to ensure efficient burning of street lights as detailed in tender documents for 90 watt LED street lighting systems.	Each	1477	990.00	1462230.00



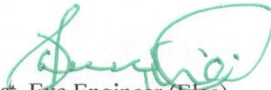
5	AR	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/ fused out components like LED drivers,LED array, MCPCB, surge protective device,wires and switching ON/OFF of street lights at specified timing, furnishing maintenance reports every day, Maintaining movement log of ladder jeep by installing dedicated GPS system with required hardware and software etc, complete, so as to ensure efficient burning of street lights as detailed in tender documents for 100 to 120 watt LED street lighting systems.	Each	250	1148.33	287083.33
6	AR	Operation and Maintenance of LED street lighting system including replacement of damaged/failed/fused out components like LED drivers,LED array, MCPCB, surge protective device,wires and switching ON/OFF of street lights at specified timing, furnishing maintenance reports every day, Maintaining movement log of ladder jeep by installing dedicated GPS system with required hardware and software etc, complete, so as to ensure efficient burning of street lights as detailed in tender documents for 200 to 300 watt LED street lightingsystems.	Each	50	1700.00	85000.00
7	18/42.09 PWD Ele SR 23-24	1.1 kV, LT Aerial Bunched Cable, XLPE insulation confirming to IS-14255: 1995 2x16 + 1x25 Sqmm (Insulated Messenger cum Neutral) 85219	KM	0.8	85219.00	68175.20
8	53/24.03 PWD Ele SR 23-24	Stringing of 1.1 kV grade Aerial Bunched 3 Core cable of XLPE insulation of size (3x95) (Phase Conductor) + (1x70)(Insulated Messenger Neutral) + (1x16) (Street LightControl)	KM	0.8	33109.00	26487.20
9	19/43.12 PWD Ele SR 23-24	Piercing Connector Suitable for 16 Sqmm - 95 Sqmm AB Cable - Street Light Connection	No	20	186.00	3720.00
10	19/43.17 PWD Ele SR 23-24	Dead End Clamp/Anchor Clamp Assembly 16 to 70 Sqmm Bare Messenger (Exclusive of Pole Clamp and Eye Hook)	No	10	232.00	2320.00
11	54/24.12 PWD Ele SR 23-24	Installation of Insulation piercing connector for Main to Street Light Main : 16-95 Sqmm, Tap: 1.5-10 Sqmm (EP95)	No	20	90.00	1800.00
12	54/24.11 PWD Ele SR 23-24	Pole Clamp-145 mm x 95	No	32	160.00	5120.00
13	55/25.02 PWD Ele SR 23-24	Fixing of Dead End Clamp	No	10	380.00	3800.00
14	5.15.1/17 PWD Ele SR 23-24	Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws,bolts, nuts, necessary phase eparators, handle and wiring complete. Protection of Overload and Short circuit in Thermal Magnetic Release. Micro processor release shall have Earth Fault as per IS-13947. (Icu=100% lcs). In 4P MCCB , all Poles should have protection for Short-Circuit/Over Load. For Microprocessor MCCBS Facility for segregating Priority and Non-Priority loads must be available in the MCCB. MCCB shall be provided with double insulation (insulation between front cover and internal power circuits to avoid any accidental contact with live current carrying path with the front cover open). Multi-pole breakers shall be designed to break all the poles simultaneously and they shall have a single mechanism. THREE Pole 100 A 25 kA	Each	6	6086.00	36516.00

15	5.44.1/21 PWD Ele SR 23-24	Supply and Installation / Fixing / Provision of Outdoor type Thermoplastic Modular Panel enclosure with transparent Polycarbonate Lid, shock proof, IP65 (Weather Proof), rust proof, dust proof, water proof, corrosion proof having internally Embedded gasket on both lid and flap suitable to fix Single Phase / Three Phase Energy Meter in suitable base plate and having a provision for Fuse / MCB cut-out with suitable transparent hinged flap opening for operating MCB along with complete tamper proof SEALING facility. 300 mm x 300 mm x 214 mm	Each	6	4512.00	27072.00
		Total				3317606.23
		Add 18% GST				597169.12
		Misleniuos				224.64
		Grand Total Rs				3915000.00

CERTIFICATE

1. The Place was inspected and work is essential
2. The Provision made in the estimate is adequate and are necessary.
3. The Work comes in the BBMP limit and is legitimate charges on the Corporation Funds.
4. The rates in the Estimate is based on approved rates and PWD Ele SR 2023-24.
5. The Above Work is not Taken up in any Previous Grants.
6. The AMC Proposed for the Street Lights in the estimate are not under DLP.


Asst. Engineer (Elec)


Asst. Exe. Engineer (Elec)
Sub-Division No.

Bruhat Bangalore Mahanagara Palike


EXECUTIVE ENGINEER (ELEC)

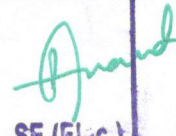
YELAHANKA DIVISION

BRUHAT BANGALORE MAHANAGARA PALIKE

Administrative Sanction for Rs. 39,15,000/-
Thirty Nine Lakhs and only
is accorded under head P0300 for and to
Street Light Replacement
of Bruhat Bangalore Palike
 Registered as EE in page 136 & 137 Subject
 to conditions contained in enclosed memo
 No. BBMP/EE/Ele/42/AE/04/24
21.09.2024

 Executive Engineer

TECHNICALLY SANCTIONED FOR Rs. 39,15,000/-
Rupees: Thirty Nine Lakhs Fifteen thousand only
 Head of Account: P0300
 Registered SE No. 29/2024-25 Subject to
 condition contained in the enclosed Memo
 Administratively Approved By: EE/ELE/YK
 No. 04/2024-25 Dt. 21/09/24

 Tech. Asst. AE

 SE (Elec.)

